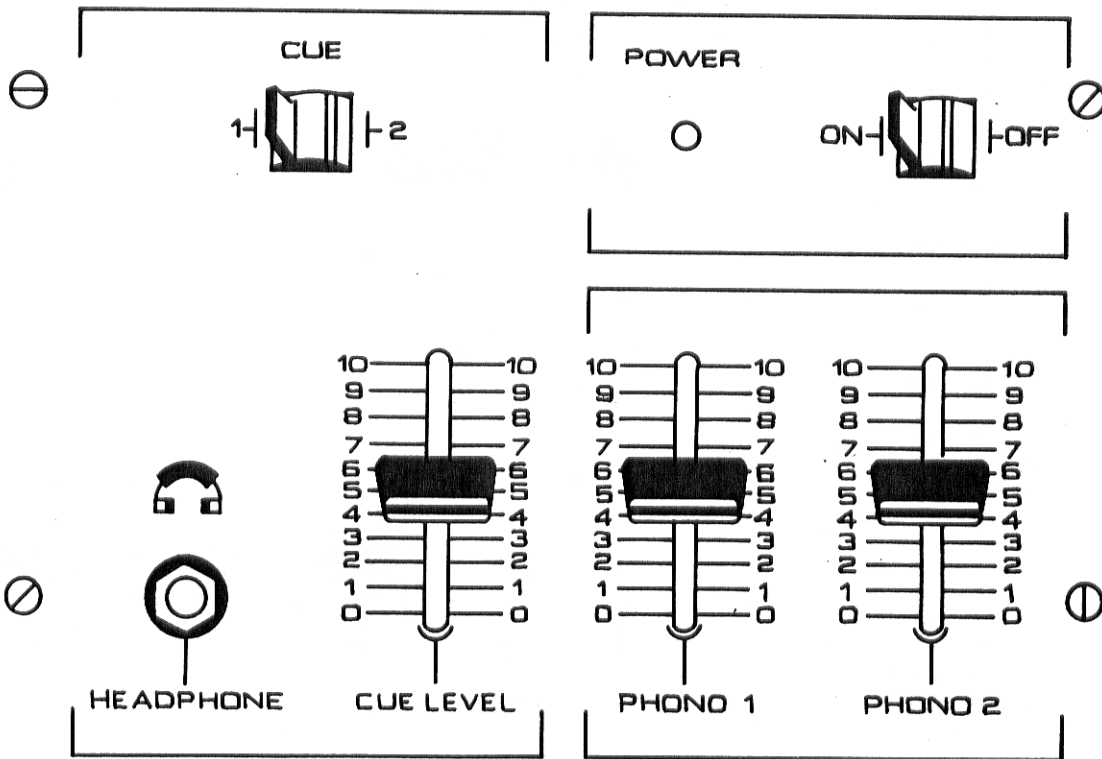


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# gemini SOLID STATE STEREO DISCO MIXER MODEL DAC X-1000

## gemini

### DISCO MIXER MODEL DAC X-1000



- DAC X-1000 is a sound studio control unit combining the qualities of a broadcast mixing console with the features and flexibility needed by a disc jockey.

- The DAC X-1000 incorporates the most advanced integrated circuits and precision components in its design and is capable of handling any quality high powered amplifier, without the use of an external pre-amplifier. It is flexible enough to be used with almost any phono input in a pre-amplifier, integrated amplifier, or receiver.

- Professional stereo slide controls.
- Headphone circuit to monitor each input.
- Made in U.S.A.

# gemini SOLID STATE MODEL DAC X-1000

## Professional Features Include:

**MONITOR** — For precueing of either turntable to start the music at the precise point desired. A separate gain control is supplied for comfortable headphone volume.

**SLIDE TYPE** gain controls for each turntable to eliminate "center dead spot" in conventional pan controls.

**FRONT PANEL** Headphone jacks for user convenience.

**SOLID STATE** circuitry employing the most modern IC state of the art design.

**MIXER SECTION** allows use of two turntables, two recorders, two mike preamplifiers or any of these combined.

## Specifications:

### MIXER SECTION

**INPUTS:** (per channel, except as noted)

**PHONO:** Sensitivity; 2.5 millivolts  
Passive circuitry avoids transistor noise  
Input impedance; 50K ohms  
Signal to Noise; 70 dB

**MIXER DOES NOT EFFECT** RIAA equalization;

### OUTPUTS:

**HEADPHONE (MONO):** Monitors 'Phono-1' or 'Phono-2' input before faders, with 'cue' control.

**OUTPUT 5V RMS (Max)** into 100 ohms (will accommodate any headphone impedance from 8 ohms up; output impedance 47 ohms).

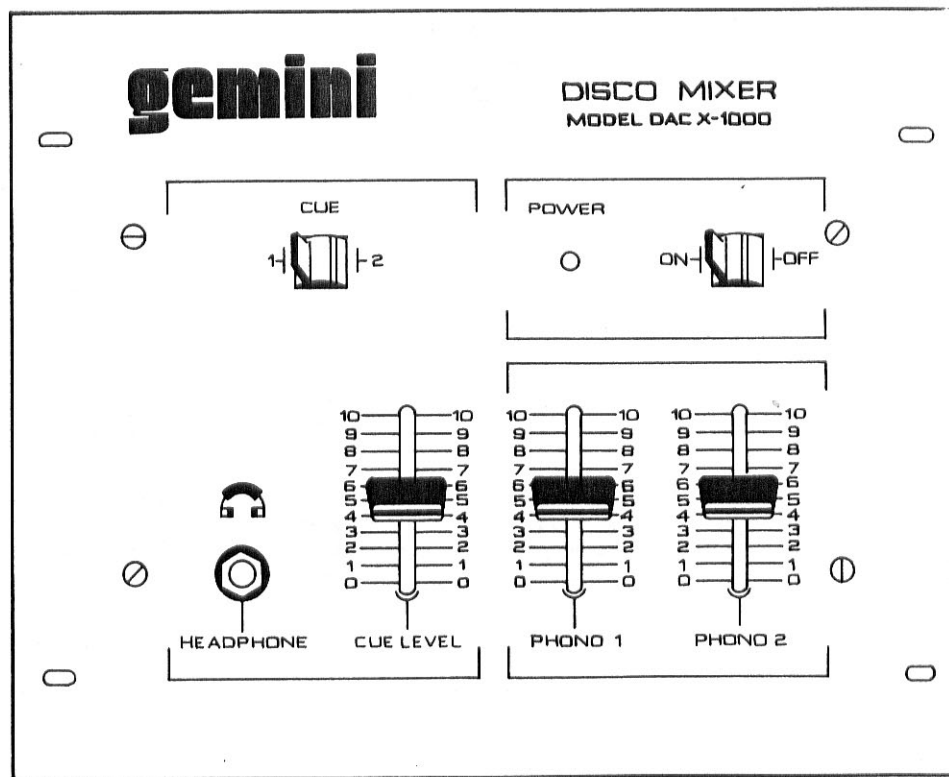
**FREQUENCY RESPONSE:**  
Flat DC to 30 KHZ

### INPUT OVERLOAD CHARACTERISTICS:

**PHONO:** 300 millivolts, RMS  
**DIMENSIONS:** 11" (W) 9" (H) 3½" (D)  
**SHIPPING WEIGHT:** 5 lbs.

The Gemini Stereo Disco Mixer is plugged directly to the Phono input of your present amplifier. The inputs marked 1 and 2 on the back, are for turntables fitted with stereo cartridges. Connect turntable 1, left and right respectively, and likewise for turntable 2. The output is then connected to the **Phono** input of your amplifier. Input level slide controls marked 1 and 2, are for adjusting levels and mixing turntables 1 and 2, respectively.

The Monitor allows the user to monitor the right channel of either turntable 1 or 2, independently of the turntable gain controls and has its own gain control to adjust headphone volume.



## OPERATING INSTRUCTIONS

### CONNECTIONS:

Use our illustrated diagram as a helpful guide to setting up your disco system.

### HEADPHONE:

The headphone jack and cue switch are located on the front panel.

### TURNTABLE CONNECTIONS:

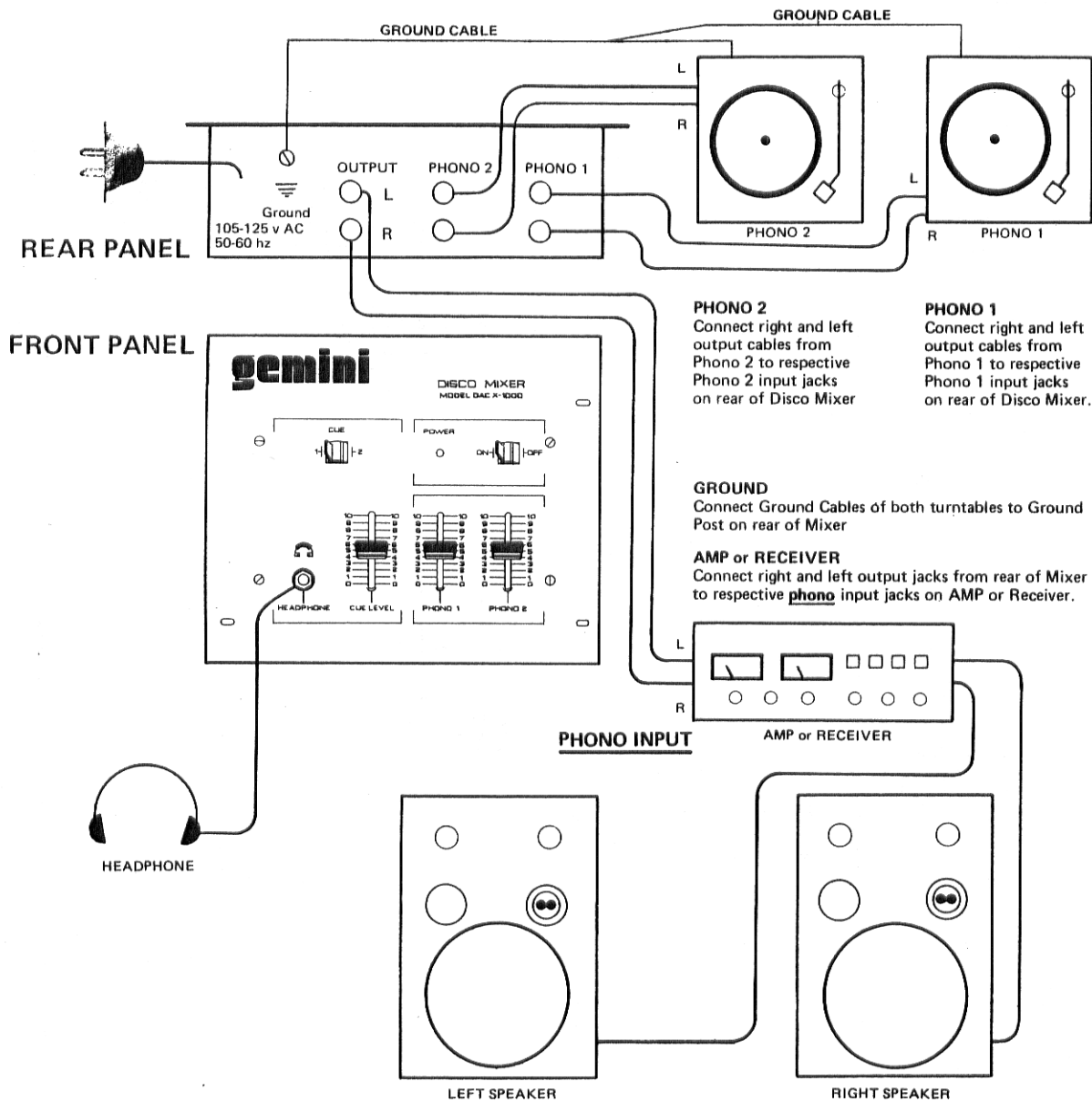
Connect turntable 1 output leads to phono 1 input jacks on rear panel of mixer. Follow same for turntable 2. Connect both turntable ground wires to ground terminal on rear of mixer.

### AMPLIFIER:

Connect the output on the rear panel of the mixer with shielded stereo cables to an amplifier **phono** input jack.

# STEREO DISCO MIXER

THIS MIXER ENABLES THE USER TO MIX TWO TURNTABLES FOR A PROFESSIONAL DISCO SOUND.

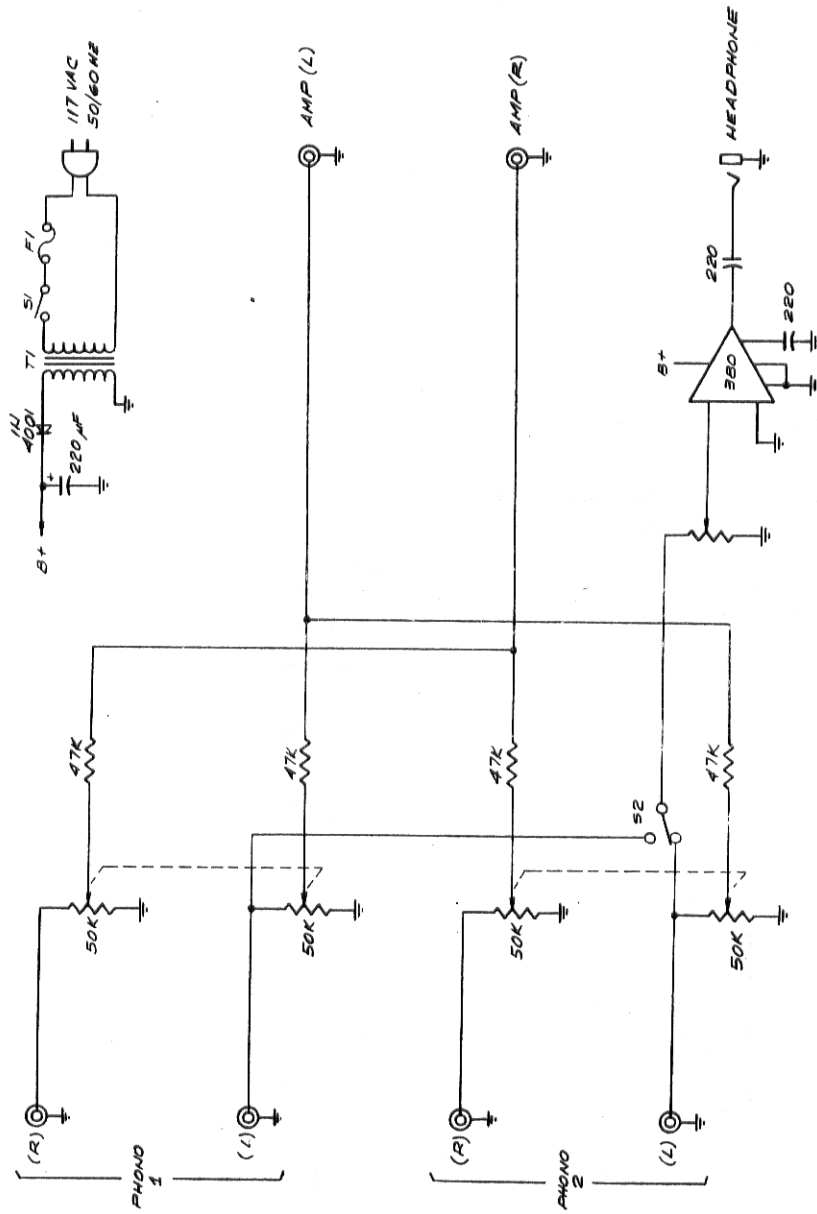


## OPERATION:

Connect power line cord to a 110 volts A.C. outlet 50-60 hz. Place all level controls on mixer at Min position. Turn power switch on, next switch on power amplifier or stereo receiver and set desired volume level. Start both turntables, increase phono 1 level control until desired level is reached, note control position. Reset phono 1 level control to Min. Increase phono 2 level control until desired level is reached, note control position.

## CUE:

The disco mixer is equipped with cueing. The cue switch and headphone level control are totally independent of the phono 1 and phono 2 program level. To preview turntable 1 or 2 it is only necessary to switch in the appropriate cue switch. Set desired level for headphone listening.



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Made in U.S.A.

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